



Rev. 04/01

PATENTS
Docket No. PARAL-7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Eugeni Namsaraev
Application No. : 10/676,933 Confirmation No. : N/A
Filed : September 30, 2003
For : POLYNUCLEOTIDE SYNTHESIS AND LABELING
BY KINETIC SAMPLING LIGATION
Group Art Unit : N/A

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR
INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is an Information Disclosure Statement in the above-identified application. This Statement is submitted:

- within three months of the application filing date;
- more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission of this Statement requires no fee. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account

No. 06-1075. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,

Gregory R. Bellomy

Gregory R. Bellomy
Registration No. 48,451
Attorney for Applicant

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COMMISSIONER FOR PATENTS,
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VA 22313-1450 on:

12-9-03

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Lorraine Cole

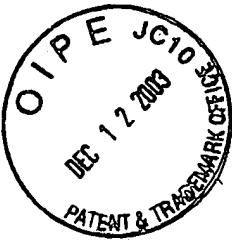
Name of Person Signing

Lorraine Cole

Signature of Person Signing

12-9-03

Date of Signature



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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98,
applicants hereby make the following documents of record in
the above identified application:*

U.S. Patents

| | | |
|-----------|---------|-----------------|
| 6,458,530 | 10/2002 | Morris et al. |
| 6,150,516 | 11/2000 | Brenner et al. |
| 6,110,668 | 08/2000 | Strizhov et al. |
| 6,020,138 | 02/2000 | Akhavan-Tafti |
| 6,013,456 | 01/2000 | Akhavan-Tafti |
| 6,001,614 | 12/1999 | Akhavan-Tafti |
| 5,998,175 | 12/1999 | Akhavan-Tafti |
| 5,380,831 | 01/1995 | Adang et al. |

* Applicant reserves the right to challenge the status
of any of the cited documents as prior art.

Foreign Patents

WO 02/057491 07/2002 WIPO
WO 96/05228 02/1996 WIPO

Other Documents

Chalmers et al., "Chromosome Walking by Cloning of Distinct PCR Fragments", *Biotechniques*, 30:249 (2001)

Fan et al., "Parallel Genotyping of Human SNPs using Generic High-density Oligonucleotide Tag Arrays", *Genome Res.*, 10:853-860 (2000)

Hardenbol et al., "Multiplexed genotyping with sequence-tagged molecular inversion probes", *Nature Biotechnol.*, 21(6) 673-678 (2003)

Henegariu et al., "Custom Fluorescent Nucleotide Synthesis as an Alternative Method for Nucleic Acid Labeling", *Nature Biotechnol.*, 18:345-348 (2000)

Kneidinger et al., "Scaling Up the Ligase Chain Reaction-Based Approach to Gene Synthesis", *Biotechniques*, 30:249-252 (2001)

Kokoris et al., "High-thoroughput SNP Genotyping With the Masscode System", *Mol. Diagn.*, 5(4): 329-340 (2000)

Kricka et al., "Comparison of 5-Hydroxy-2, 3-Dihydrophthalazine-1, 4-dione and Luminol as Co-substrates for Detection of Horseradish Peroxidase in Enhanced Chemiluminescent Reactions", *J. Immunoassay*, 17(1): 67-83 (1996)

Lundqvist et al., "Influence of Different Luminols on the Characteristics of the Chemiluminescence Reaction in Human Neutrophils", *J. Biolumin. Chemilumin.*, 10(6): 353-359 (1995)

Pritchard et al., "Effects of base mismatches on joining of short oligodeoxynucleotides by DNA ligases", *Nucleic Acids Research*, 25(17): 3403-3407 (1997)

Pusch et al., "MALDI-TOF mass spectrometry-based SNP genotyping", *Pharmacogenomics*, 3(4): 537-548 (2003)

Shoemaker et al., "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy", *Nature Genetics*, 14(4):450-456 (1996)

Szybalski et al., "Class-IIIS restriction enzymes - a review", *Gene*, 100:13-26 (1991)

Thorpe et al., "Enhanced Chemiluminescent Reactions Catalyzed by Horseradish Peroxidase", *Methods Enzymol.*, 133:331-353 (1986)

Pursuant to the PTO's waiver of the requirement under 37 CFR 1.98 (a)(2)(i), 1276 OG 55, applicants have not submitted copies of each cited U.S. patent and each U.S. patent application publication. Copies of the aforementioned foreign patent publications and other documents, which are listed on the accompanying Form PTO-1449, are enclosed herewith.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent that may issue on this application. Applicants request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

An early and favorable action is respectfully requested.

Respectfully submitted,



Gregory R. Bellomy
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Attorney for Applicant

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Tel.: (650) 617-4000

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Lorraine Coke

Name of Person Signing

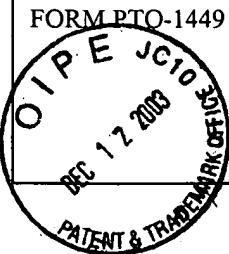


Lorraine Coke

Signature of Person Signing

12-9-03

Date of Signature

| | | | |
|---|--|------------------|--------------------|
|  FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT | ATTY. DOCKET NO. | SERIAL NO. |
| | | PARAL-7 | 10/676,933 |
| | | APPLICANT | Eugeni Namsaraev |
| | | FILING DATE | September 30, 2003 |
| GROUP | N/A | | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----------------|---------|-----------------|-------|----------|----------------------------|
| | 6,458,530 | 10/2002 | Morris et al. | | | |
| | 6,150,516 | 11/2000 | Brenner et al. | | | |
| | 6,110,668 | 08/2000 | Strizhov et al. | | | |
| | 6,020,138 | 02/2000 | Akhavan-Tafti | | | |
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| | 6,001,614 | 12/1999 | Akhavan-Tafti | | | |
| | 5,998,175 | 12/1999 | Akhavan-Tafti | | | |
| | 5,380,831 | 01/1995 | Adang et al. | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-------------------|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | WO 02/057491 | 07/2002 | WIPO | | | | |
| | WO 96/05228 | 02/1996 | WIPO | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER INITIALS | |
|-------------------|---|
| | Chalmers et al., "Chromosome Walking by Cloning of Distinct PCR Fragments", <i>Biotechniques</i> , 30:249 (2001) |
| | Fan et al., "Parallel Genotyping of Human SNPs using Generic High-density Oligonucleotide Tag Arrays", <i>Genome Res.</i> , 10:853-860 (2000) |
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| | Henegariu et al., "Custom Fluorescent Nucleotide Synthesis as an Alternative Method for Nucleic Acid Labeling", <i>Nature Biotechnol.</i> , 18:345-348 (2000) |
| | Kneidinger et al., "Scaling Up the Ligase Chain Reaction-Based Approach to Gene Synthesis", <i>Biotechniques</i> , 30:249-252 (2001) |
| | Kokoris et al., "High-throughput SNP Genotyping With the Masscode System", <i>Mol. Diagn.</i> , 5(4): 329-340 (2000) |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--|---------------------------------|
| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. PARAL-7 | SERIAL NO. 10/676,933 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | APPLICANT Eugeni Namsaraev | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | Kricka et al., "Comparison of 5-Hydroxy-2, 3-Dihydrophthalazine-1, 4-dione and Luminol as Co-substrates for Detection of Horseradish Peroxidase in Enhanced Chemiluminescent Reactions", <i>J. Immunoassay</i> , 17(1): 67-83 (1996) |
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